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May 19, 2014

**VIA ELECTRONIC FILING**

Mrs. Jocelyn G. Boyd  
Chief Clerk / Administrator  
Public Service Commission of South Carolina  
101 Executive Center Drive, Suite 100  
Columbia, South Carolina 29211

**RE: Docket Number: 2014-\_\_\_\_-E**

Dear Mrs. Boyd:

Duke Energy Carolinas, LLC ("Duke Energy Carolinas" or the "Company") herein submits for approval by the Public Service Commission of South Carolina (the "Commission"), its attached rate schedules which will enable the Company to begin offering standard Light Emitting Diode ("LED") rate options on the outdoor lighting Schedules OL, GL and for replacements on Schedule PL. These revised schedules will allow the Company to begin transitioning its standard offering for new lighting away from the High Pressure Sodium ("HPS") and Metal Halide ("MH") options currently available on outdoor lighting tariffs toward LED products.

The Company anticipates significant demand for its new LED rate offerings. First, customers may enter into an agreement for a new installation of LED lights under the proposed schedules, and the Company plans to prioritize those requests for new lighting installations. Second, Mercury Vapor ("MV") lights are being transitioned out of the outdoor lighting industry due to environmental and other concerns. The Company's current practice is to replace failed MV ballasts with HPS technology. Under the proposed schedules, failed MV lamps and ballasts will be replaced with LED technology. The Company believes customers will appreciate this change since LED color is more similar to the color of MV lamps. For these reasons, LEDs will be added to closed rate schedule PL for MV change outs only due to failure, thereby changing the designated replacement from HPS to LED technology. Additionally, customers who voluntarily seek to replace MV lights with LEDs may also enter into an agreement for LED lighting under the proposed schedules. After gaining more experience with the LED fixtures while serving these initially eligible customers' needs related to new installations and MV replacements, the Company plans to evaluate and potentially develop an offering for customers seeking to replace HPS fixtures with LED luminaire fixtures.

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Based on the foregoing, the Company requests the Commission approve the request to revise Schedules OL, GL, and PL to allow the Company to offer standard LED rate options on and after June 18, 2014. Revised Schedules OL, GL, and PL are attached as Exhibit No. 1. Redlined versions of the same schedules are attached as Exhibit 2. No further revisions to the schedules are requested.

Please let me know if you have any questions regarding this matter.

Sincerely,



Timika Shafeek-Horton  
Deputy General Counsel

Enclosures

**Copy:** Nanette Edwards, Office of Regulatory Staff (w/encls.)  
Heather Shirley Smith, Duke Energy Carolinas (w/encls.)

Duke Energy Carolinas, LLC

Electricity No. 4  
 South Carolina Forty-Fourth (Proposed) Revised Leaf No. 32  
 Superseding South Carolina Forty-Third Revised Leaf No. 32

**SCHEDULE OL (SC)  
 OUTDOOR LIGHTING SERVICE**

**AVAILABILITY (South Carolina Only)**

Available to the individual customer for lighting of private outdoor areas at locations on the Company's distribution system. Service under this Schedule may be withheld or discontinued at the option of the Company.

**RATE:****(A) Bracket-Mounted Luminaires**

All-night outdoor lighting service using Company standard equipment mounted on standard poles:

<b>Lamp Rating</b>			<b>Per Month Per Luminaire*</b>		
<b>Lumens</b>	<b>kWh Per Month</b>	<b>Style</b>	<b>Existing Pole (1) *Plus 0.0925 cents/kWh</b>	<b>New Pole * Plus 0.0925 cents/kWh</b>	<b>New Pole Served Underground * Plus 0.0925 cents/kWh</b>
<b>High Pressure Sodium Vapor</b>					
4,000	21	Post Top (2)	NA	NA	\$ 15.11
9,500	47	Suburban (3)	\$ 8.72	\$ 15.30	\$ 19.97
9,500	47	Urban	\$ 10.05	\$ 16.63	\$ 21.30
13,000	56	Suburban (6) (in suitable mercury fixture)	\$ 9.52	NA	NA
16,000	70	Urban	\$ 10.52	\$ 17.10	\$ 21.77
27,500	104	Urban	\$ 12.38	\$ 18.95	\$ 23.63
50,000	156	Urban	\$ 14.71	\$ 21.29	\$ 25.96
<b>Metal Halide</b>					
9,000	43	Urban	\$ 11.76	\$ 18.36	\$ 23.06
40,000	155	Urban	\$ 18.05	\$ 24.64	\$ 29.30
78,000	295	Area	\$ 42.82	\$ 51.46	\$ 56.14
110,000	395	Area (9)	\$ 58.08	\$ 66.74	\$ 71.40
<b>Mercury Vapor** (Closed to new installation )</b>					
4,000	41	Post Top (2)	\$ 7.42 (4)	NA	\$ 15.21(8)
4,000	41	Suburban (5)	\$ 5.81	NA	NA
4,000	41	Post Top (7)	\$ 9.55	NA	NA
4,000	41	Post Top (7)	\$ 12.39	NA	NA
7,500	75	Post Top (7)	\$ 11.87	NA	NA
7,500	75	Suburban (3)	\$ 7.62	\$ 14.19	\$ 18.85
7,500	75	Urban (8)	\$ 8.77	\$ 15.35	\$ 20.01
20,000	152	Urban (8)	\$ 11.64	\$ 18.21	\$ 22.89
<b>Light Emitting Diode (10)</b>					
4,500	18	Area 50 watts	\$ 10.03	\$ 16.66	\$ 21.36
6,500	25	Area 70 watts	\$ 10.19	\$ 16.82	\$ 21.52
9,500	40	Area 110 watts	\$ 12.90	\$ 19.53	\$ 24.23
12,500	54	Area 150 watts	\$ 14.59	\$ 21.22	\$ 25.92
18,500	79	Area 220 watts	\$ 17.38	\$ 24.01	\$ 28.71
24,000	101	Area 280 watts	\$ 20.09	\$ 26.72	\$ 31.42

- (1) The "Existing Pole" rate is applicable to installations, including pole, installed by November 18, 1991. After November 18, 1991, the "Existing Pole" rate is available only for luminaires attached to poles which are not installed solely to support the luminaire.
- (2) Luminaire is not available for the lighting of streets, roadways, and other vehicle thoroughfares.
- (3) Closed to new installations on or after July 1, 2005.
- (4) Closed to new installations on or after November 18, 1991.
- (5) Closed to new installations on or after January 1, 1973.
- (6) Closed to new installations on or after October 8, 1985.
- (7) Closed to new installations on or after January 17, 1975.
- (8) Closed to new contracts on or after October 1, 2007 for luminaires installed before January 1, 2008.

SCHEDULE OL (SC)  
OUTDOOR LIGHTING SERVICE

(9) Closed to new installations after February 1, 2010.

(10) Light Emitting Diode (LED) luminaires are available for new installations after (date), as replacements for failed mercury vapor luminaires, and for customer requested replacements of existing mercury vapor luminaires, provided the fixture will accommodate an LED luminaire as a replacement. LED luminaires are not available as replacements for High Pressure Sodium Vapor or Metal Halide luminaires.

\*\* Mercury vapor luminaires are no longer available and will not be repaired if they fail. Upon failure, the Company will convert any standard luminaire to an LED luminaire of similar size and lumen output. If the existing mercury vapor fixture is nonstandard and a comparable LED luminaire is not available, the Company will replace it with another available luminaire.

(B) Other Luminaires

Decorative and non-standard luminaires can be installed on request, at the Company's option, at the rate in (A) above plus an extra monthly charge equal to 1.7% of the estimated difference in cost installed between the luminaire and structure requested and the equivalent luminaire and wood pole in (A) above.

(C) Underground Charges

(1) Additional monthly charge for the underground conductor system

\$ .07 for each increment of 10 feet, or less, over 150 feet per pole

(2) When the installation requires the cutting and replacing of pavement, 1.7% of the estimated cost of this cutting and replacing of pavement will be added to the charges above.

(3) When an installation is in an area served by a concrete-encased duct system, additional charges stated above will not apply and, instead, the additional monthly charge will be 1.7% of the estimated cost of the underground conductor system.

(4) An underground conductor system, up to 150 feet per pole, can be installed to an existing pole under the "Existing Pole" rate in (A) for an additional monthly charge of \$4.66 per pole. For installations over 150 feet per pole, the charges under (C) (1) will apply in addition to the \$4.66 charge.

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cent/kWh rider increment or decrement must be added to the rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
Leaf No. 98      Merger Capacity Mitigation Rider

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under this Schedule.

EXPLANATORY NOTES AND OTHER CHARGES

- (1) Lamps will burn from approximately one half-hour after sunset until approximately one half-hour before sunrise. The Company will readily replace burned-out lamps and otherwise maintain the luminaires during regular daytime working hours following notification by the Customer.
- (2) Luminaires will be installed only on Company-owned poles, and all facilities necessary for service under this Schedule, including fixtures, lamps, controls, poles, hardware, transformers, conductors, and other appurtenances shall be owned and maintained by the Company.
- (3) Equipment (such as disconnecting switches) not supplied by the Company as standard is not available under this Schedule, and shall not be installed by the Customer.
- (4) This Schedule is not available for seasonal or other part-time operation of outdoor luminaires.
- (5) Color-improved lamps installed prior to October 1, 2007 are supplied for an extra charge of \$1.05 per lamp per month. For luminaires installed prior to October 1, 2007 there will be no additional charge for color-improved lamps installed as replacements for clear mercury vapor luminaires, nor for color improved lamps installed in new luminaires on or after October 1, 2007.
- (6) Service using overhead conductors is not available in any area designated by the Company as underground distribution area, nor in any area, location or premises being served from an underground source.
- (7) All luminaires except the 110,000 lumen metal halide fixture will be installed on standard 30-foot, class 6 size wood poles. The 110,000 lumen metal halide fixture will be installed on standard 40-foot, class 5 wood poles. On Customer request,



SCHEDULE OL (SC)  
OUTDOOR LIGHTING SERVICE

and for an additional charge, all luminaires, except the 110,000 lumen metal halide fixture can be installed on wood poles larger than the standard 30-foot, class 6 size, if the location permits the use of bucket-type equipment for mounting and servicing: 35-foot, class 5 pole for 25 cents per month, or 40-foot, class 5 pole for 35 cents per month. Other size poles, or structures other than standard wood poles, can be installed for an extra monthly charge equal to 1.7% of the estimated installed cost difference between the requested pole or structure, and the standard wood pole, but not less than \$5.35 per month per pole or structure. Brackets longer than the standard length of 30 inches, but not longer than 20 feet, can be installed where use of bucket-type equipment is permitted for an extra charge of 70 cents per month per bracket.

- (8) Where two or more luminaires were installed for service before November 18, 1991 on the same pole or other structure, the applicable monthly charges for each luminaire other than the first will be reduced \$1.75.
- (9) Luminaire locations shall be designated by the Customer and where only an extension of secondary facilities is required from the nearest distribution source, the rate per luminaire in (A) above shall apply. When the number of required poles exceeds the number of luminaires requested, a monthly charge not less than \$1.75 per standard wood pole shall be made for luminaires installed for service before November 18, 1991. A monthly charge of \$6.57 per standard wood pole shall be made for luminaires installed for service after November 18, 1991. When any installation requires an extension of primary facilities solely to serve the luminaires, an additional monthly charge equal to 1.7% of the estimated cost of the primary extension shall be made. Should any installation require guying of secondary facilities, a charge of 60 cents per month per guy shall be made.
- (10) "Suburban" luminaires are defined as standard NEMA-style fixtures with refractors and vertical-burning lamps. "Urban" luminaires are defined as "cobra-style" fixtures with enclosed refractive or flat lenses and horizontal-burning lamps.
- (11) At the Company's option and upon customer request, a monitoring device which automatically notifies the Company when a luminaire has failed can be installed for an additional charge of \$2.50, per month, per luminaire.

**SALES TAX AND MUNICIPAL FEES**

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

**PAYMENT**

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of, and be due and payable with, the bill on which it is rendered.

**CONTRACT PERIOD**

The original term of contract may be from a minimum of one (1) year to a maximum of ten (10) years. Contracts will continue after the original term until terminated by either party on thirty days' written notice. The Customer may amend or terminate the Agreement before the expiration of the initial Contract Period by paying to the Company a sum of money equal to 40% of the monthly bills which otherwise would have been rendered for the remaining term of the initial Contract Period, less the monthly bills for the initial term of contract of any successor customer who has applied for lighting service at the premises prior to the effective date of the contract amendment or termination, provided, however, this amount shall not be less than zero. The Company may require a deposit not to exceed 40% of the revenue for the original term. The deposit will be returned at the end of the original term, provided the Customer has met all provisions of the contract. Minimum term of contract for specific situations shall be:

- (a) One year for all luminaires installed at a residence and designated by the Company as standard, post top and bracket-mounted on standard poles.
- (b) Three years for all luminaires not installed at a residence and designated by the Company as standard, post top and bracket-mounted on standard poles.
- (c) Ten years for all luminaires designated by the Company as decorative or nonstandard, and for all standard luminaires mounted on supports other than standard wood poles, for non-standard luminaires or other non-standard supports, and for primary extensions solely serving the luminaires.

Duke Energy Carolinas, LLC

Electricity No. 4  
 South Carolina Ninth (Proposed) Revised Leaf No. 33  
 Superseding South Carolina Eighth Revised Leaf No. 33

SCHEDULE GL (SC)  
 GOVERNMENTAL LIGHTING SERVICE

**AVAILABILITY (South Carolina Only)**

Available for all-night outdoor lighting service to Municipal, County State, and Federal Governments solely for the purpose of lighting public streets, highways, and other public places. All facilities necessary for service under this Schedule, including fixtures, lamps, controls, poles, hardware, transformers, conductors, and other appurtenances shall be owned and maintained by the Company. Service using overhead conductors is not available in any area designated by the Company as underground distribution area, nor in any area, location, or premises being served from an underground source. This Schedule is not available for service to non-governmental entities. This Schedule is not available for seasonal or other part-time operation of outdoor luminaires.

**RATE:****(A) Bracket-Mounted Luminaires**

All-night street lighting service using overhead conductors and Company standard equipment mounted on standard wood poles. "Urban" luminaires are defined as "cobra-style" fixtures with enclosed refractive or flat lenses and horizontal-burning lamps. "Existing Pole" is defined as a pole utilized for distribution facilities and not solely to support the luminaire.

<u>Lamp Rating</u>			<u>Per Month Per Luminaire*</u>		
<u>Lumens</u>	<u>kWh Per Month</u>	<u>Style</u>	<u>Existing Pole (1)</u> * Plus 0.0925 cents/kWh	<u>New Pole</u> * Plus 0.0925 cents/kWh	<u>New Pole Served</u> <u>Underground</u> * Plus 0.0925 cents/kWh
<b>High Pressure Sodium Vapor</b>					
9,500	47	Urban	\$9.67	\$ 14.83	\$ 18.71
16,000	70	Urban	\$ 10.13	\$ 15.29	\$ 19.17
27,500	104	Urban	\$ 11.91	\$ 17.07	\$ 20.95
50,000	156	Urban	\$ 14.17	\$ 19.33	\$ 23.21
<b>Metal Halide</b>					
9,000	43	Urban	\$ 11.32	\$ 16.48	\$ 20.36
40,000	155	Urban	\$ 17.39	\$ 22.55	\$ 26.43
78,000	295	Area	\$ 41.22	\$ 46.38	\$ 50.26
<b>Light Emitting Diode (2)</b>					
4,500	18	Area 50 watts	\$10.03	\$15.19	\$19.07
6,500	25	Area 70 watts	\$10.19	\$15.35	\$19.23
9,500	40	Area 110 watts	\$12.90	\$18.06	\$21.94
12,500	54	Area 150 watts	\$14.59	\$19.75	\$23.63
18,500	79	Area 220 watts	\$17.38	\$22.54	\$26.42
24,000	101	Area 280 watts	\$20.09	\$25.25	\$29.13

- (1) The "Existing Pole rate is applicable to a luminaire installed on a pole which does not solely support the luminaire, or for an additional luminaire on the same pole as another luminaire.
- (2) Light Emitting Diode (LED) luminaires are available only for new installations after (date) and are not available as replacements for High Pressure Sodium Vapor or Metal Halide luminaires.

**(B) Other Luminaires**

Decorative and non-standard luminaires can be installed on request, at the Company's option, at the rate in (A) above plus an extra monthly charge equal to 1.7% of the estimated difference in cost installed between the luminaire and structure requested and the equivalent luminaire and wood pole in (A) above.

**(C) Underground Charges**

- (1) Additional monthly charge for the underground conductor system:  
 \$.07 for each increment of 10 feet, or less, over 150 feet per pole
- (2) When the installation requires the cutting and replacing of pavement, 1.7% of the estimated cost of this cutting and replacing of pavement will be added to the charges above.
- (3) When an installation is in an area served by a concrete-encased duct system, additional charges stated above will not apply and, instead, the additional monthly charge will be 1.7% of the estimated cost of the underground conductor system.

SCHEDULE GL (SC)  
GOVERNMENTAL LIGHTING SERVICE

- (4) An underground conductor system, up to 150 feet per pole, can be installed to an existing pole under the "Existing Pole" rate in (A) above, for an additional monthly charge of \$4.66 per pole. For installations over 150 feet per pole, the charges under (C) (1) above will apply in addition to the \$4.66 charge.
- (D) Other Charges
- (1) Wood poles longer than 40 feet may be installed for an extra monthly charge equal to 1.7% of the estimated installed cost difference between the standard wood pole and the pole requested. Other structures may be installed without a luminaire for a monthly charge of \$6.49 plus 1.7% of the estimated cost difference between the structure and the standard wood pole.
  - (2) Standard wood poles may be provided for \$6.49 per pole per month when provided solely to support traffic signals.
  - (3) Brackets longer than 12 feet, but not longer than 20 feet can be installed for an additional monthly charge of \$4.50
  - (4) Should the number of poles in the secondary extension required to serve the luminaire(s) exceed the number of poles on which bracket-mounted luminaires are installed, a monthly charge of \$6.57 per pole shall be made for such excess number of poles.
  - (5) When the installation requested requires a primary extension solely to serve the luminaires, an additional monthly charge of 1.7% of the estimated cost of the primary extension will be made.
  - (6) At the Company's option and upon customer request, a monitoring device which automatically notifies the Company when a luminaire has failed can be installed for an additional charge of \$2.50 per month, per luminaire.

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
Leaf No. 98      Merger Capacity Mitigation Rider

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under this Schedule.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined.

PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

The original term of contract may be from a minimum of three (3) years to a maximum of ten (10) years. Contracts will continue after the original term until terminated by either party on thirty days' written notice. The Customer may amend or terminate the Agreement before the expiration of the initial Contract Period by paying to the Company a sum of money equal to 40% of the monthly bills which otherwise would have been rendered for the remaining term of the initial Contract Period, less the monthly bills for the initial term of contract of any successor customer who has applied for lighting service at the premises prior to the effective date of the contract amendment or termination, provided, however, this amount shall not be less than zero. The Company may require a deposit not to exceed 40% of the revenue for the original term. The deposit will be returned at the end of the original term, provided the Customer has met all provisions of the contract. Minimum term of contract for specific situations shall be:

- (a) Three years for all luminaires designated as standard by the Company.
- (b) Ten years for all luminaires designated as decorative or nonstandard or when a primary extension is required solely to serve the luminaires.

**SCHEDULE PL (SC)  
STREET AND PUBLIC LIGHTING SERVICE**

**AVAILABILITY (South Carolina Only)**

This schedule is closed and not available for service to new installations after February 1, 2010 but remains in effect for continually effective agreements under this schedule. Available for the purpose of lighting streets, highways, parks and other public places for Municipal, County State, and Federal Governments, at locations inside or outside municipal limits on the Company's distribution system. This Schedule is not available for service to non-governmental entities.

**RATE:****(A) Bracket-Mounted Luminaires**

All-night street lighting service using overhead conductors and Company standard equipment mounted on standard wood poles:

Lamp Rating			Per Month Per Luminaire*	
<u>Lumens</u>	<u>kWh Per Month</u>	<u>Style</u>	<u>Inside Municipal Limits</u> * Plus 0.0925 cents/kWh	<u>Outside Municipal Limits</u> * Plus 0.0925 cents/kWh
<b>High Pressure Sodium Vapor</b>				
9,500	47	Suburban (1)	\$ 9.21	\$ 9.74
9,500	47	Urban	\$ 10.74	\$ 11.28
13,000	56	Suburban (2) (in suitable mercury fixture)	\$ 10.21	\$ 10.75
16,000	70	Urban	\$ 11.38	\$ 11.90
27,500	104	Urban	\$ 13.47	\$ 14.01
38,000	136	Urban (3) (in suitable mercury fixture)	\$ 14.61	\$ 15.14
50,000	156	Urban	\$ 16.27	\$ 16.81
140,000	391	Urban (installed on 55-foot wood pole)	\$ 33.60	\$ 34.13
<b>Metal Halide</b>				
40,000	155	Urban	\$ 20.16	\$ 20.70
<b>Mercury Vapor ** (Closed to new installations)</b>				
4,000	41	Suburban (1)	\$ 3.89	NA
4,000	41	Post Top (4)	\$ 10.25	\$ 10.74
4,000	41	Bracket (5)	NA	\$ 6.42
7,500	75	Post Top (4)	\$ 12.96	\$ 13.50
7,500	75	Suburban (1)	\$ 7.99	\$ 8.53
7,500	75	Urban (6)	\$ 9.33	\$ 9.87
20,000	152	Urban (6)	\$ 12.69	\$ 13.23
55,000	393	Urban (6)	\$ 25.24	\$ 25.78
<b>Light Emitting Diode (7)</b>			<u>Inside or Outside Municipal Limits</u>	
4,500	18	Area 50 watts	\$10.03	
6,500	25	Area 70 watts	\$10.19	
9,500	40	Area 110 watts	\$12.90	
12,500	54	Area 159 watts	\$14.59	
18,500	79	Area 220 watts	\$17.83	
24,000	101	Area 280 watts	\$20.09	

- (1) Closed to new installations on or after July 1, 2005
- (2) Closed to new installations on or after February 18, 1987.
- (3) Closed to new installations on or after November 18, 1991.
- (4) Closed to new installations on or after January 17, 1975.
- (5) Closed to new installations on or after June 30, 1972.
- (6) Closed to new contracts on or after October 1, 2007 for luminaires installed before January 1, 2008.
- (7) Light Emitting Diode (LED) luminaires are only available as replacements for failed mercury vapor luminaires and for customer requested replacements of existing mercury vapor luminaires, provided the fixture will accommodate an LED luminaire as a replacement. LED luminaires are not available as replacements for High Pressure Sodium Vapor or Metal Halide luminaires.



**SCHEDULE PL (SC)  
STREET AND PUBLIC LIGHTING SERVICE**

- \*\* Mercury vapor luminaires are no longer available and will not be repaired if they fail. Upon failure the Company will convert any standard luminaire to an LED luminaire of similar size and lumen output. If the existing mercury vapor fixture is nonstandard and a comparable LED luminaire is not available, the Company will replace it with another available luminaire.**

**(B) Other Luminaires**

Decorative and non-standard luminaires can be installed on request, at the Company's option, at the rate in (A) above plus an extra monthly charge equal to 1.7% of the estimated installed cost difference between the luminaire and structure requested, and, the equivalent luminaire and standard pole.

**(C) Underground Charges**

- (1) Additional monthly charge for the underground conductor system:**

<u>Feet Per Pole</u>	<u>From Overhead System</u>	<u>From Underground System</u>
0 – 100 feet	\$ .50	\$ .35
101 – 200 feet	\$ .90	\$ .75
Over 200 feet	\$ .90 plus \$.07 for each increment of 10 feet, or less, over 200 feet	\$ .75 plus \$.07 for each increment of 10 feet, or less, over 200 feet

- (2) When the installation requires the cutting and replacing of pavement of more than one drive or one walkway per luminaire, 1.7% of the estimated cost of this cutting and replacing of pavement will be added to the monthly charges above.
- (3) When an installation is in an area served by a concrete-encased duct system, additional charges stated above will not apply and, instead, the additional monthly charge will be 1.7% of the estimated cost of the underground conductor system.

**RIDERS**

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
Leaf No. 98      Merger Capacity Mitigation Rider

**ADJUSTMENT FOR FUEL COSTS**

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under, this Schedule.

**EXPLANATORY NOTES AND OTHER CHARGES**

- (1) The installation of bracket-mounted luminaires in (A) above includes the Company's 40-foot, standard wood poles.
- (a) Wood poles longer than 40 feet, or structures other than standard wood poles, may be installed for an extra monthly charge equal 1.7% of the estimated installed cost difference between the luminaires and structures requested, and equivalent luminaires and standard poles, and such extra charge shall not be less than \$5.35 per month, per pole or other structure.
- (b) The Company's standard metal street lighting pole may be installed for an extra monthly charge of \$5.35 per month, per pole.
- (c) The Company's standard metal mast-arm pole may be installed for an extra monthly charge of \$5.35 plus 1.7% of the estimated installed cost difference between the requested pole and the Company's standard metal street lighting pole, per month, per pole. The standard metal mast-arm pole may be installed without a luminaire for a monthly charge of \$7.10 plus 1.7% of the estimated installed cost difference between the requested pole and the Company's standard metal street lighting pole.
- (d) Standard wood poles and guys may be provided at the same charges as in (3) below when provided solely to support traffic signals.
- (2) Service using overhead conductors is not available in any area designated by the Company as underground distribution area, nor in any area, location, or premises being served from an underground source. There will be no extra charge for underground conductors to luminaires installed in areas where the Company at its own option has determined that underground distribution facilities should be installed.
- (3) For areas outside municipal limits: Location of the luminaire or luminaires in areas outside of municipal limits shall be designated by the Customer but the location must be within the distance which can be reached by a secondary extension from the Company's nearest distribution facilities. Should the number of poles in the secondary extension required to serve the luminaire(s) exceed the number of poles on which bracket-mounted luminaires are installed, a monthly charge of \$1.75 per pole shall be made for such excess number of poles. Should the installation include downguys or spanguys, a charge of \$.60 per month per guy shall be made. When the installation requested requires a primary extension solely to serve the luminaires, an additional monthly charge of 1.7% of the estimated cost of the primary extension will be made.

SCHEDULE PL (SC)  
STREET AND PUBLIC LIGHTING SERVICE

- (4) All facilities necessary for service under this Schedule, including fixtures, lamps, controls, poles, hardware, transformers, conductors, and other appurtenances shall be owned and maintained by the Company.
- (5) Color-improved lamps installed prior to October 1, 2007 are supplied for an extra charge of \$ .70 per lamp per month. For luminaires installed prior to October 1, 2007 there will be no additional charge for color-improved lamps installed as replacements for clear mercury vapor luminaires, nor for color improved lamps installed in new luminaires on or after October 1, 2007.
- (6) When two or more luminaires are installed on the same pole or other structure, the applicable monthly charges for each luminaire other than the first will be reduced \$1.75.
- (7) "Suburban" luminaires are defined as standard NEMA-style fixtures with refractors and vertical-burning lamps. "Urban" luminaires are defined as "cobra-style" fixtures with enclosed refractive or flat lenses and horizontal-burning lamps.
- (8) At the Company's option and upon customer request, a monitoring device which automatically notifies the Company when a luminaire has failed can be installed for an additional charge of \$2.50, per month, per luminaire.

**SALES TAX AND MUNICIPAL FEES**

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

**PAYMENT**

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of, and be due and payable with, the bill on which it is rendered.

**CONTRACT PERIOD**

The original term of contract may be from a minimum of three (3) years to a maximum of ten (10) years. Contracts will continue after the original term until terminated by either party on thirty days' written notice. The Customer may amend or terminate the Agreement before the expiration of the initial Contract Period by paying to the Company a sum of money equal to 40% of the monthly bills which otherwise would have been rendered for the remaining term of the initial Contract Period, less the monthly bills for the initial term of contract of any successor customer who has applied for lighting service at the premises prior to the effective date of the contract amendment or termination, provided, however, this amount shall not be less than zero. The Company may require a deposit not to exceed 40% of the revenue for the original term. The deposit will be returned at the end of the original term, provided the Customer has met all provisions of the contract. Minimum term of contract for specific situations shall be:

- (a) Three years for all luminaires designated as standard by the Company and bracket-mounted on standard poles.
- (b) Ten years for all luminaires designated as decorative or nonstandard by the Company, and for all standard luminaires mounted on supports other than standard wood poles, and for primary extensions solely serving the luminaires.

Duke Energy Carolinas, LLC

Electricity No. 4

South Carolina Forty-~~Third~~Fourth (Proposed) Revised Leaf No. 32  
 Superseding South Carolina ~~Forty-Third~~Second Revised Leaf No. 32

SCHEDULE OL (SC)  
 OUTDOOR LIGHTING SERVICE

AVAILABILITY (South Carolina Only)

Available to the individual customer for lighting of private outdoor areas at locations on the Company's distribution system. Service under this Schedule may be withheld or discontinued at the option of the Company.

RATE:(A) Bracket-Mounted Luminaires

All-night outdoor lighting service using Company standard equipment mounted on standard poles:

<u>Lamp Rating</u>			<u>Per Month Per Luminaire*</u>		
<u>Lumens</u>	<u>kWh Per Month</u>	<u>Style</u>	<u>Existing Pole (1)</u> *Plus 0.0925 cents/kWh	<u>New Pole</u> * Plus 0.0925 cents/kWh	<u>New Pole Served Underground</u> * Plus 0.0925 cents/kWh
<b>High Pressure Sodium Vapor</b>					
4,000	21	Post Top (2)	NA	NA	\$ 15.11
9,500	47	Suburban (3)	\$ 8.72	\$ 15.30	\$ 19.97
9,500	47	Urban	\$ 10.05	\$ 16.63	\$ 21.30
13,000	56	Suburban (6) (in suitable mercury fixture)	\$ 9.52	NA	NA
16,000	70	Urban	\$ 10.52	\$ 17.10	\$ 21.77
27,500	104	Urban	\$ 12.38	\$ 18.95	\$ 23.63
50,000	156	Urban	\$ 14.71	\$ 21.29	\$ 25.96
<b>Metal Halide</b>					
9,000	43	Urban	\$ 11.76	\$ 18.36	\$ 23.06
40,000	155	Urban	\$ 18.05	\$ 24.64	\$ 29.30
78,000	295	Area	\$ 42.82	\$ 51.46	\$ 56.14
110,000	395	Area (9)	\$ 58.08	\$ 66.74	\$ 71.40
<b>Mercury Vapor** (Closed to new installation )</b>					
4,000	41	Post Top (2)	\$ 7.42 (4)	NA	\$15.21(8)
4,000	41	Suburban (5)	\$ 5.81	NA	NA
4,000	41	Post Top (7)	\$ 9.55	NA	NA
4,000	41	Post Top (7)	\$ 12.39	NA	NA
7,500	75	Post Top (7)	\$ 11.87	NA	NA
7,500	75	Suburban (3)	\$ 7.62	\$ 14.19	\$ 18.85
7,500	75	Urban (8)	\$ 8.77	\$ 15.35	\$ 20.01
20,000	152	Urban (8)	\$ 11.64	\$ 18.21	\$ 22.89
<b><u>Light Emitting Diode (10)</u></b>					
<u>4,500</u>	<u>18</u>	<u>Area 50 watts</u>	<u>\$10.03</u>	<u>\$16.66</u>	<u>\$21.36</u>
<u>6,500</u>	<u>25</u>	<u>Area 70 watts</u>	<u>\$10.19</u>	<u>\$16.82</u>	<u>\$21.52</u>
<u>9,500</u>	<u>40</u>	<u>Area 110 watts</u>	<u>\$12.90</u>	<u>\$19.53</u>	<u>\$24.23</u>
<u>12,500</u>	<u>54</u>	<u>Area 150 watts</u>	<u>\$14.59</u>	<u>\$21.22</u>	<u>\$25.92</u>
<u>18,500</u>	<u>79</u>	<u>Area 220 watts</u>	<u>\$17.38</u>	<u>\$24.01</u>	<u>\$28.71</u>
<u>24,000</u>	<u>101</u>	<u>Area 280 watts</u>	<u>\$20.09</u>	<u>\$26.72</u>	<u>\$31.42</u>

- (1) The "Existing Pole" rate is applicable to installations, including pole, installed by November 18, 1991. After November 18, 1991, the "Existing Pole" rate is available only for luminaires attached to poles which are not installed solely to support the luminaire.
- (2) Luminaire is not available for the lighting of streets, roadways, and other vehicle thoroughfares.
- (3) Closed to new installations on or after July 1, 2005.
- (4) Closed to new installations on or after November 18, 1991.
- (5) Closed to new installations on or after January 1, 1973.
- (6) Closed to new installations on or after October 8, 1985.
- (7) Closed to new installations on or after January 17, 1975.

Duke Energy Carolinas, LLC

Electricity No. 4

South Carolina Forty-~~Third~~ Fourth (Proposed) Revised Leaf No. 32  
 Superseding South Carolina ~~Forty-Third~~ Second Revised Leaf No. 32

SCHEDULE OL (SC)  
 OUTDOOR LIGHTING SERVICE

- (8) Closed to new contracts on or after October 1, 2007 for luminaires installed before January 1, 2008.  
 (9) Closed to new installations after February 1, 2010.

(10) Light Emitting Diode (LED) luminaires are available for new installations after (date), as replacements for failed mercury vapor luminaires, and for customer requested replacements of existing mercury vapor luminaires, provided the fixture will accommodate an LED luminaire as a replacement. LED luminaires are not available as replacements for High Pressure Sodium Vapor or Metal Halide luminaires.

\*\* Mercury vapor luminaires are no longer available and will not be repaired if they fail. Upon failure, the Company will convert any standard luminaire to an LED luminaire of similar size and lumen output. If the existing mercury vapor fixture is nonstandard and a comparable LED luminaire is not available, the Company will replace it with another available luminaire.

~~\*\* For mercury vapor luminaires installed prior to January 1, 2008, the Company will continue to replace lamps and make repairs other than ballasts, as long as mercury vapor lamps continue to be available from suppliers. When ballast replacement is required, the Company will either convert the light to another light of similar size where the fixture can accommodate metal halide ballast, or provide the closest size high pressure sodium luminaire under the applicable rate for the modified luminaire.~~

Duke Energy Carolinas, LLC

Electricity No. 4

South Carolina Forty-~~Third~~ Fourth (Proposed) Revised Leaf No. 32  
 Superseding South Carolina ~~Forty-Third~~ Second Revised Leaf No. 32

SCHEDULE OL (SC)  
OUTDOOR LIGHTING SERVICE

(B) Other Luminaires

Decorative and non-standard luminaires can be installed on request, at the Company's option, at the rate in (A) above plus an extra monthly charge equal to 1.7% of the estimated difference in cost installed between the luminaire and structure requested and the equivalent luminaire and wood pole in (A) above.

(C) Underground Charges

- (1) Additional monthly charge for the underground conductor system  
\$ .07 for each increment of 10 feet, or less, over 150 feet per pole
- (2) When the installation requires the cutting and replacing of pavement, 1.7% of the estimated cost of this cutting and replacing of pavement will be added to the charges above.
- (3) When an installation is in an area served by a concrete-encased duct system, additional charges stated above will not apply and, instead, the additional monthly charge will be 1.7% of the estimated cost of the underground conductor system.
- (4) An underground conductor system, up to 150 feet per pole, can be installed to an existing pole under the "Existing Pole" rate in (A) for an additional monthly charge of \$4.66 per pole. For installations over 150 feet per pole, the charges under (C) (1) will apply in addition to the \$4.66 charge.

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cent/kWh rider increment or decrement must be added to the rates shown above to determine the monthly bill.

Leaf No. 62	Energy Efficiency Rider
Leaf No. 98	Merger Capacity Mitigation Rider

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under this Schedule.

EXPLANATORY NOTES AND OTHER CHARGES

- (1) Lamps will burn from approximately one half-hour after sunset until approximately one half-hour before sunrise. The Company will readily replace burned-out lamps and otherwise maintain the luminaires during regular daytime working hours following notification by the Customer.
- (2) Luminaires will be installed only on Company-owned poles, and all facilities necessary for service under this Schedule, including fixtures, lamps, controls, poles, hardware, transformers, conductors, and other appurtenances shall be owned and maintained by the Company.
- (3) Equipment (such as disconnecting switches) not supplied by the Company as standard is not available under this Schedule, and shall not be installed by the Customer.
- (4) This Schedule is not available for seasonal or other part-time operation of outdoor luminaires.
- (5) Color-improved lamps installed prior to October 1, 2007 are supplied for an extra charge of \$1.05 per lamp per month. For luminaires installed prior to October 1, 2007 there will be no additional charge for color-improved lamps installed as replacements for clear mercury vapor luminaires, nor for color improved lamps installed in new luminaires on or after October 1, 2007.
- (6) Service using overhead conductors is not available in any area designated by the Company as underground distribution area, nor in any area, location or premises being served from an underground source.
- (7) All luminaires except the 110,000 lumen metal halide fixture will be installed on standard 30-foot, class 6 size wood poles. The 110,000 lumen metal halide fixture will be installed on standard 40-foot, class 5 wood poles. On Customer request, and for an additional charge, all luminaires, except the 110,000 lumen metal halide fixture can be installed on wood poles larger than the standard 30-foot, class 6 size, if the location permits the use of bucket-type equipment for mounting and servicing: 35-foot, class 5 pole for 25 cents per month, or 40-foot, class 5 pole for 35 cents per month. Other size poles, or structures other than standard wood poles, can be installed for an extra monthly charge equal to 1.7% of the estimated installed cost difference between the requested pole or structure, and the standard wood pole, but not less than \$5.35 per month per pole or structure. Brackets longer than the standard length of 30 inches, but not longer than 20 feet, can be installed where use of bucket-type equipment is permitted for an extra charge of 70 cents per month per bracket.
- (8) Where two or more luminaires were installed for service before November 18, 1991 on the same pole or other structure, the applicable monthly charges for each luminaire other than the first will be reduced \$1.75.



Duke Energy Carolinas, LLC

Electricity No. 4

South Carolina Forty-~~Third~~ Fourth (Proposed) Revised Leaf No. 32  
 Superseding South Carolina ~~Forty-Third~~ Second Revised Leaf No. 32

SCHEDULE OL (SC)  
 OUTDOOR LIGHTING SERVICE

- (9) Luminaire locations shall be designated by the Customer and where only an extension of secondary facilities is required from the nearest distribution source, the rate per luminaire in (A) above shall apply. When the number of required poles exceeds the number of luminaires requested, a monthly charge not less than \$1.75 per standard wood pole shall be made for luminaires installed for service before November 18, 1991. A monthly charge of \$6.57 per standard wood pole shall be made for luminaires installed for service after November 18, 1991. When any installation requires an extension of primary facilities solely to serve the luminaires, an additional monthly charge equal to 1.7% of the estimated cost of the primary extension shall be made. Should any installation require guying of secondary facilities, a charge of 60 cents per month per guy shall be made.
- (10) "Suburban" luminaires are defined as standard NEMA-style fixtures with refractors and vertical-burning lamps. "Urban" luminaires are defined as "cobra-style" fixtures with enclosed refractive or flat lenses and horizontal-burning lamps.
- (11) At the Company's option and upon customer request, a monitoring device which automatically notifies the Company when a luminaire has failed can be installed for an additional charge of \$2.50, per month, per luminaire.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of, and be due and payable with, the bill on which it is rendered.

CONTRACT PERIOD

The original term of contract may be from a minimum of one (1) year to a maximum of ten (10) years. Contracts will continue after the original term until terminated by either party on thirty days' written notice. The Customer may amend or terminate the Agreement before the expiration of the initial Contract Period by paying to the Company a sum of money equal to 40% of the monthly bills which otherwise would have been rendered for the remaining term of the initial Contract Period, less the monthly bills for the initial term of contract of any successor customer who has applied for lighting service at the premises prior to the effective date of the contract amendment or termination, provided, however, this amount shall not be less than zero. The Company may require a deposit not to exceed 40% of the revenue for the original term. The deposit will be returned at the end of the original term, provided the Customer has met all provisions of the contract. Minimum term of contract for specific situations shall be:

- (a) One year for all luminaires installed at a residence and designated by the Company as standard, post top and bracket-mounted on standard poles.
- (b) Three years for all luminaires not installed at a residence and designated by the Company as standard, post top and bracket-mounted on standard poles.
- (c) Ten years for all luminaires designated by the Company as decorative or nonstandard, and for all standard luminaires mounted on supports other than standard wood poles, for non-standard luminaires or other non-standard supports, and for primary extensions solely serving the luminaires.

Duke Energy Carolinas, LLC

Electricity No. 4

South Carolina ~~Eighth-Ninth~~ (Proposed) Revised Leaf No. 33  
 Superseding South Carolina ~~Seventh-Eighth~~ Revised Leaf No. 33

SCHEDULE GL (SC)  
GOVERNMENTAL LIGHTING SERVICE

AVAILABILITY (South Carolina Only)

Available for all-night outdoor lighting service to Municipal, County State, and Federal Governments solely for the purpose of lighting public streets, highways, and other public places. All facilities necessary for service under this Schedule, including fixtures, lamps, controls, poles, hardware, transformers, conductors, and other appurtenances shall be owned and maintained by the Company. Service using overhead conductors is not available in any area designated by the Company as underground distribution area, nor in any area, location, or premises being served from an underground source. This Schedule is not available for service to non-governmental entities. This Schedule is not available for seasonal or other part-time operation of outdoor luminaires.

RATE:(A) Bracket-Mounted Luminaires

All-night street lighting service using overhead conductors and Company standard equipment mounted on standard wood poles. "Urban" luminaires are defined as "cobra-style" fixtures with enclosed refractive or flat lenses and horizontal-burning lamps. Existing Pole" is defined as a pole utilized for distribution facilities and not solely to support the luminaire.

Lamp RatingPer Month Per Luminaire\*

<u>Lumens</u>	<u>kWh Per Month</u>	<u>Style</u>	<u>Existing Pole (1)</u> * Plus 0.0925 cents/kWh	<u>New Pole</u> * Plus 0.0925 cents/kWh	<u>New Pole Served</u> <u>Underground</u> * Plus 0.0925 cents/kWh
<b>High Pressure Sodium Vapor</b>					
9,500	47	Urban	\$ 9.67	\$ 14.83	\$ 18.71
16,000	70	Urban	\$ 10.13	\$ 15.29	\$ 19.17
27,500	104	Urban	\$ 11.91	\$ 17.07	\$ 20.95
50,000	156	Urban	\$ 14.17	\$ 19.33	\$ 23.21
<b>Metal Halide</b>					
9,000	43	Urban	\$ 11.32	\$ 16.48	\$ 20.36
40,000	155	Urban	\$ 17.39	\$ 22.55	\$ 26.43
78,000	295	Area	\$ 41.22	\$ 46.38	\$ 50.26
<b><u>Light Emitting Diode (2)</u></b>					
<u>4,500</u>	<u>18</u>	<u>Area 50 watts</u>	<u>\$10.03</u>	<u>\$15.19</u>	<u>\$19.07</u>
<u>6,500</u>	<u>25</u>	<u>Area 70 watts</u>	<u>\$10.19</u>	<u>\$15.35</u>	<u>\$19.23</u>
<u>9,500</u>	<u>40</u>	<u>Area 110 watts</u>	<u>\$12.90</u>	<u>\$18.06</u>	<u>\$21.94</u>
<u>12,500</u>	<u>54</u>	<u>Area 150 watts</u>	<u>\$14.59</u>	<u>\$19.75</u>	<u>\$23.63</u>
<u>18,500</u>	<u>79</u>	<u>Area 220 watts</u>	<u>\$17.38</u>	<u>\$22.54</u>	<u>\$26.42</u>
<u>24,000</u>	<u>101</u>	<u>Area 280 watts</u>	<u>\$20.09</u>	<u>\$25.25</u>	<u>\$29.13</u>

- (1) The "Existing Pole rate is applicable to a luminaire installed on a pole which does not solely support the luminaire, or for an additional luminaire on the same pole as another luminaire.
- (2) Light Emitting Diode (LED) luminaires are available only for new installations after (date) and are not available as replacements for High Pressure Sodium Vapor or Metal Halide luminaires.

(B) Other Luminaires

Decorative and non-standard luminaires can be installed on request, at the Company's option, at the rate in (A) above plus an extra monthly charge equal to 1.7% of the estimated difference in cost installed between the luminaire and structure requested and the equivalent luminaire and wood pole in (A) above.

(C) Underground Charges

- (1) Additional monthly charge for the underground conductor system:  
\$.07 for each increment of 10 feet, or less, over 150 feet per pole
- (2) When the installation requires the cutting and replacing of pavement, 1.7% of the estimated cost of this cutting and replacing of pavement will be added to the charges above.
- (3) When an installation is in an area served by a concrete-encased duct system, additional charges stated above will not apply and, instead, the additional monthly charge will be 1.7% of the estimated cost of the underground conductor system.

SCHEDULE GL (SC)  
GOVERNMENTAL LIGHTING SERVICE

- (4) An underground conductor system, up to 150 feet per pole, can be installed to an existing pole under the "Existing Pole" rate in (A) above, for an additional monthly charge of \$4.66 per pole. For installations over 150 feet per pole, the charges under (C) (1) above will apply in addition to the \$4.66 charge.

(D) Other Charges

- (1) Wood poles longer than 40 feet may be installed for an extra monthly charge equal to 1.7% of the estimated installed cost difference between the standard wood pole and the pole requested. Other structures may be installed without a luminaire for a monthly charge of \$6.49 plus 1.7% of the estimated cost difference between the structure and the standard wood pole.
- (2) Standard wood poles may be provided for \$6.49 per pole per month when provided solely to support traffic signals.
- (3) Brackets longer than 12 feet, but not longer than 20 feet can be installed for an additional monthly charge of \$4.50
- (4) Should the number of poles in the secondary extension required to serve the luminaire(s) exceed the number of poles on which bracket-mounted luminaires are installed, a monthly charge of \$6.57 per pole shall be made for such excess number of poles.
- (5) When the installation requested requires a primary extension solely to serve the luminaires, an additional monthly charge of 1.7% of the estimated cost of the primary extension will be made.
- (6) At the Company's option and upon customer request, a monitoring device which automatically notifies the Company when a luminaire has failed can be installed for an additional charge of \$2.50 per month, per luminaire.

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the rates shown above to determine the monthly bill.

Leaf No. 62	Energy Efficiency Rider
Leaf No. 98	Merger Capacity Mitigation Rider

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under this Schedule.

SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined.

PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

The original term of contract may be from a minimum of three (3) years to a maximum of ten (10) years. Contracts will continue after the original term until terminated by either party on thirty days' written notice. The Customer may amend or terminate the Agreement before the expiration of the initial Contract Period by paying to the Company a sum of money equal to 40% of the monthly bills which otherwise would have been rendered for the remaining term of the initial Contract Period, less the monthly bills for the initial term of contract of any successor customer who has applied for lighting service at the premises prior to the effective date of the contract amendment or termination, provided, however, this amount shall not be less than zero. The Company may require a deposit not to exceed 40% of the revenue for the original term. The deposit will be returned at the end of the original term, provided the Customer has met all provisions of the contract. Minimum term of contract for specific situations shall be:

- (a) Three years for all luminaires designated as standard by the Company.
- (b) Ten years for all luminaires designated as decorative or nonstandard or when a primary extension is required solely to serve the luminaires.

Duke Energy Carolinas, LLC

Electricity No. 4

South Carolina Forty-~~Second~~ ~~(Proposed)~~ ~~First~~ Revised Leaf No. 34  
 Superseding South Carolina ~~Forty-First~~ ~~Fortieth~~ Revised Leaf No. 34

SCHEDULE PL (SC)  
STREET AND PUBLIC LIGHTING SERVICE

AVAILABILITY (South Carolina Only)

This schedule is closed and not available for service to new installations after February 1, 2010 but remains in effect for continually effective agreements under this schedule. Available for the purpose of lighting streets, highways, parks and other public places for Municipal, County State, and Federal Governments, at locations inside or outside municipal limits on the Company's distribution system. This Schedule is not available for service to non-governmental entities.

RATE:(A) Bracket-Mounted Luminaires

All-night street lighting service using overhead conductors and Company standard equipment mounted on standard wood poles:

Lamp Rating			Per Month Per Luminaire*	
Lumens	kWh Per Month	Style	Inside	Outside
			<u>Municipal Limits</u> * Plus 0.0925 cents/kWh	<u>Municipal Limits</u> * Plus 0.0925 cents/kWh
High Pressure Sodium Vapor				
9,500	47	Suburban (1)	\$ 9.21	\$ 9.74
9,500	47	Urban	\$ 10.74	\$ 11.28
13,000	56	Suburban (2) (in suitable mercury fixture)	\$ 10.21	\$ 10.75
16,000	70	Urban	\$ 11.38	\$ 11.90
27,500	104	Urban	\$ 13.47	\$ 14.01
38,000	136	Urban (3) (in suitable mercury fixture)	\$ 14.61	\$ 15.14
50,000	156	Urban	\$ 16.27	\$ 16.81
140,000	391	Urban (installed on 55-foot wood pole)	\$ 33.60	\$ 34.13
Metal Halide				
40,000	155	Urban	\$ 20.16	\$ 20.70
Mercury Vapor ** (Closed to new installations)				
4,000	41	Suburban (1)	\$ 5.89	NA
4,000	41	Post Top (4)	\$ 10.25	\$ 10.74
4,000	41	Bracket (5)	NA	\$ 6.42
7,500	75	Post Top (4)	\$ 12.96	\$ 13.50
7,500	75	Suburban (1)	\$ 7.99	\$ 8.53
7,500	75	Urban (6)	\$ 9.33	\$ 9.87
20,000	152	Urban (6)	\$ 12.69	\$ 13.23
55,000	393	Urban (6)	\$ 25.24	\$ 25.78

<u>Light Emitting Diode (7)</u>			<u>Inside or Outside Municipal Limits</u>
<u>4,500</u>	<u>18</u>	<u>Area 50 watts</u>	<u>\$10.03</u>
<u>6,500</u>	<u>25</u>	<u>Area 70 watts</u>	<u>\$10.19</u>
<u>9,500</u>	<u>40</u>	<u>Area 110 watts</u>	<u>\$12.90</u>
<u>12,500</u>	<u>54</u>	<u>Area 159 watts</u>	<u>\$14.59</u>
<u>18,500</u>	<u>79</u>	<u>Area 220 watts</u>	<u>\$17.83</u>
<u>24,000</u>	<u>101</u>	<u>Area 280 watts</u>	<u>\$20.09</u>

- (1) Closed to new installations on or after July 1, 2005
- (2) Closed to new installations on or after February 18, 1987.
- (3) Closed to new installations on or after November 18, 1991.
- (4) Closed to new installations on or after January 17, 1975.
- (5) Closed to new installations on or after June 30, 1972.
- (6) Closed to new contracts on or after October 1, 2007 for luminaires installed before January 1, 2008.

(7) Light Emitting Diode (LED) luminaires are only available as replacements for failed mercury vapor luminaires and for customer requested replacements of existing mercury vapor luminaires, provided the fixture will accommodate an LED luminaire as a replacement. LED luminaires are not available as replacements for High Pressure Sodium Vapor or Metal Halide luminaires.

South Carolina Forty-~~Second~~ ~~First~~ Revised Leaf No. 34

Effective ~~for bills rendered on and after October 1, 2013~~

PSCSC Docket No. ~~2014~~ ~~2013-3-E~~ \_\_\_\_\_, Order No. ~~2013-696~~

SCHEDULE PL (SC)  
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~~\*\* Mercury vapor luminaires are no longer available and will not be repaired if they fail. Upon failure the Company will convert any standard luminaire to an LED luminaire of similar size and lumen output. If the existing mercury vapor fixture is nonstandard and a comparable LED luminaire is not available, the Company will replace it with another available luminaire.~~

~~\*\* For mercury vapor luminaires installed prior to January 1, 2008, the Company will continue to replace lamps and make repairs other than ballasts, as long as mercury vapor lamps continue to be reasonably available from suppliers. If a ballast replacement is required, the Company will either convert the luminaire to another luminaire of similar size and lumen output where the luminaire can utilize reasonably available compatible ballast, or provide the closest size high pressure sodium luminaire under the applicable rate for the modified luminaire.~~

(B) Other Luminaires

Decorative and non-standard luminaires can be installed on request, at the Company's option, at the rate in (A) above plus an extra monthly charge equal to 1.7% of the estimated installed cost difference between the luminaire and structure requested, and, the equivalent luminaire and standard pole.

(C) Underground Charges

(1) Additional monthly charge for the underground conductor system:

<u>Feet Per Pole</u>	<u>From Overhead System</u>	<u>From Underground System</u>
0 – 100 feet	\$ .50	\$ .35
101 – 200 feet	\$ .90	\$ .75
Over 200 feet	\$ .90 plus \$.07 for each increment of 10 feet, or less, over 200 feet	\$ .75 plus \$.07 for each increment of 10 feet, or less, over 200 feet

(2) When the installation requires the cutting and replacing of pavement of more than one drive or one walkway per luminaire, 1.7% of the estimated cost of this cutting and replacing of pavement will be added to the monthly charges above.

(3) When an installation is in an area served by a concrete-encased duct system, additional charges stated above will not apply and, instead, the additional monthly charge will be 1.7% of the estimated cost of the underground conductor system.

RIDERS

The following Riders are applicable to service supplied under this schedule. The currently approved cents/kWh rider increment or decrement must be added to the rates shown above to determine the monthly bill.

Leaf No. 62      Energy Efficiency Rider  
Leaf No. 98      Merger Capacity Mitigation Rider

ADJUSTMENT FOR FUEL COSTS

The Company's Adjustment for Fuel Costs is incorporated as a part of, and will apply to all service supplied under, this Schedule.

EXPLANATORY NOTES AND OTHER CHARGES

- (1) The installation of bracket-mounted luminaires in (A) above includes the Company's 40-foot, standard wood poles.
  - (a) Wood poles longer than 40 feet, or structures other than standard wood poles, may be installed for an extra monthly charge equal 1.7% of the estimated installed cost difference between the luminaires and structures requested, and equivalent luminaires and standard poles, and such extra charge shall not be less than \$5.35 per month, per pole or other structure.
  - (b) The Company's standard metal street lighting pole may be installed for an extra monthly charge of \$5.35 per month, per pole.
  - (c) The Company's standard metal mast-arm pole may be installed for an extra monthly charge of \$5.35 plus 1.7% of the estimated installed cost difference between the requested pole and the Company's standard metal street lighting pole, per month, per pole. The standard metal mast-arm pole may be installed without a luminaire for a monthly charge of \$7.10 plus 1.7% of the estimated installed cost difference between the requested pole and the Company's standard metal street lighting pole.
  - (d) Standard wood poles and guys may be provided at the same charges as in (3) below when provided solely to support traffic signals.
- (2) Service using overhead conductors is not available in any area designated by the Company as underground distribution area, nor in any area, location, or premises being served from an underground source. There will be no extra charge for underground conductors to luminaires installed in areas where the Company at its own option has determined that underground distribution facilities should be installed.
- (3) For areas outside municipal limits: Location of the luminaire or luminaires in areas outside of municipal limits shall be designated by the Customer but the location must be within the distance which can be reached by a secondary extension from the Company's nearest distribution facilities. Should the number of poles in the secondary extension required to serve the



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luminaire(s) exceed the number of poles on which bracket-mounted luminaires are installed, a monthly charge of \$1.75 per pole shall be made for such excess number of poles. Should the installation include downguys or spanguys, a charge of \$.60 per month per guy shall be made. When the installation requested requires a primary extension solely to serve the luminaires, an additional monthly charge of 1.7% of the estimated cost of the primary extension will be made.

- (4) All facilities necessary for service under this Schedule, including fixtures, lamps, controls, poles, hardware, transformers, conductors, and other appurtenances shall be owned and maintained by the Company.
- (5) Color-improved lamps installed prior to October 1, 2007 are supplied for an extra charge of \$.70 per lamp per month. For luminaires installed prior to October 1, 2007 there will be no additional charge for color-improved lamps installed as replacements for clear mercury vapor luminaires, nor for color improved lamps installed in new luminaires on or after October 1, 2007.
- (6) When two or more luminaires are installed on the same pole or other structure, the applicable monthly charges for each luminaire other than the first will be reduced \$1.75.
- (7) "Suburban" luminaires are defined as standard NEMA-style fixtures with refractors and vertical-burning lamps. "Urban" luminaires are defined as "cobra-style" fixtures with enclosed refractive or flat lenses and horizontal-burning lamps.
- (8) At the Company's option and upon customer request, a monitoring device which automatically notifies the Company when a luminaire has failed can be installed for an additional charge of \$2.50, per month, per luminaire.

#### SALES TAX AND MUNICIPAL FEES

Any applicable sales tax, municipal service agreement fee, business license fee or other fee assessed by or remitted to a state or local governmental authority will be added to the charges determined above.

#### PAYMENT

Bills under this Schedule are due and payable on the date of the bill at the office of the Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, the Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 1/2%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of, and be due and payable with, the bill on which it is rendered.

#### CONTRACT PERIOD

The original term of contract may be from a minimum of three (3) years to a maximum of ten (10) years. Contracts will continue after the original term until terminated by either party on thirty days' written notice. The Customer may amend or terminate the Agreement before the expiration of the initial Contract Period by paying to the Company a sum of money equal to 40% of the monthly bills which otherwise would have been rendered for the remaining term of the initial Contract Period, less the monthly bills for the initial term of contract of any successor customer who has applied for lighting service at the premises prior to the effective date of the contract amendment or termination, provided, however, this amount shall not be less than zero. The Company may require a deposit not to exceed 40% of the revenue for the original term. The deposit will be returned at the end of the original term, provided the Customer has met all provisions of the contract. Minimum term of contract for specific situations shall be:

- (a) Three years for all luminaires designated as standard by the Company and bracket-mounted on standard poles.
- (b) Ten years for all luminaires designated as decorative or nonstandard by the Company, and for all standard luminaires mounted on supports other than standard wood poles, and for primary extensions solely serving the luminaires.